To:

From the INTERNATIONAL BUREAU

PCT

NOTIFICATION OF ELECTION

(PCT Rule 61.2)

Commissioner
US Department of Commer

United States Patent and Trademark Office, PCT 2011 South Clark Place Room CP2/5C24

Arlington, VA 22202 ETATS-UNIS D'AMERIQUE

Date of mailing (day/month/year)
23 April 2001 (23.04.01)

International application No.
PCT/US00/11004

ETATS-UNIS D'ANIERIQUE
in its capacity as elected Office

Applicant's or agent's file reference
57746-A-PCT

International filing date (day/month/year)

21 April 2000 (21.04.00)

Priority date (day/month/year)

30 June 1999 (30.06.99)

Applicant

MARZABADI, Mohammad, R. et al

1.	The designated Office is hereby notified of its election made:
	X in the demand filed with the International Preliminary Examining Authority on:
	30 January 2001 (30.01.01)
	in a notice effecting later election filed with the International Bureau on:
2.	The election X was
	was not
	made before the expiration of 19 months from the priority date or, where Rule 32 applies, within the time limit under Rule 32.2(b).

The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland Authorized officer

Claudio Borton

Telephone No.: (41-22) 338.83.38

Facsimile No.: (41-22) 740.14.35

PCT

WIPO

PCT

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Article 36 and Rule 70)

Applicant's or agent's file reference 57746-A-PCT/	FOR FURTHER ACTI		ication of Transmittal of International PEXAMINATION (Form PCT/IPEA/416)			
International application No.	International filing date ((day/month/year)	Priority date (day/month/year)			
PCT/US00/11004	21 APRIL 2000		30 JUNE 1999			
International Patent Classification (IPC) Please See Supplemental Sheet.	or national classification a	and IPC				
Applicant SYNAPTIC PHARMACEUTICAL CO	PRPORATION					
Examining Authority and is 2. This REPORT consists of a This report is also accombeen amended and are the	transmitted to the applitude total of sheets. panied by ANNEXES, i.e e basis for this report and tion 607 of the Administr	cant according to , sheets of the desc /or sheets containin	cription, claims and/or drawings which have ng rectifications made before this Authority.			
3. This report contains indication	ns relating to the follow	ing items:				
I Basis of the repo	_					
	II Priority					
III Non-establishmer	nt of report with regard	to novelty, invent	tive step or industrial applicability			
IV Lack of unity of	invention					
	nt under Article 35(2) wit nations supporting such s		y, inventive step or industrial applicability;			
VI Certain documents	cited					
VII Certain defects in t	he international application	on	!			
VIII Certain observation	s on the international app	olication				
	•					
Date of submission of the demand		Date of completion	n of this report			
30 JANUARY 2001		29 JUNE 2001				
Name and mailing address of the IPEA/	US	Authorized officer	TERRY J. DEY			
Commissioner of Patents and Traden Box PCT Washington, D.C. 20231	narks	ROBERT GEI	PARALEGAL SPECIALIST			
Facsimile No. (703) 305-3230		Telephone No. ((703) 308-1235			



International application No.

PCT/US00/11004

I. B	asis o	f the report		
1. W it	h regai	d to the elements of the intern	national application: *	
X	the	nternational application a	s originally filed	
x	the	description:	- •	
LX.		es1-256		as originally filed
		s NONE		
			, filed with the letter of	
_				
x		claims:		
	page	es257-297		
			, as amended (together with any s	statement) under Article 19
		s <u>NONE</u>		
	page	s NONE	, filed with the letter of	
	41	••		
X		trawings: NONE		
				_ •
			61.1.11.1.1.1	
	page	s NONE	, filed with the letter of	
\mathbf{x}	the s	equence listing part of the	description:	
لکا		NONTO	•	on originally filed
	nage	s NONE	, filed with the letter of	_ , ined with the delitand
	the la	anguage of a translation fr anguage of publication of nguage of the translation fur	shed to this Authority in the following languageurnished for the purposes of international search (under Rule 48.3(b)). The international application (under Rule 48.3(b)). This is the purposes of international preliminary examples.	under Rule 23.1(b)).
3. Wit	limina	ry examination was carried	or amino acid sequence disclosed in the international d out on the basis of the sequence listing:	application, the international
			application in printed form.	
	filed	together with the internat	ional application in computer readable form.	
	furni	shed subsequently to this	Authority in written form.	
	furni	shed subsequently to this	Authority in computer readable form.	
	The s	tatement that the subseque ational application as filed	ntly furnished written sequence listing does not go be has been furnished.	eyond the disclosure in the
	The s been	tatement that the information furnished.	n recorded in computer readable form is identical to the	writen sequence listing has
4. X	The	amendments have resulted	in the cancellation of:	
	X	the description, pages	NONE	
	X	the claims, Nos.	NONE	
	[X]	the drawings, sheets/fig		
, 	<u>د</u>			
5.			some of) the amendments had not been made, since they	have been considered to go
in in	aceme r	nt sheets which have been furn ort as "originally filed" and	indicated in the Supplemental Box (Rule 70.2(c)).** ished to the receiving Office in response to an invitation under are not annexed to this report since they do not contain	der Article 14 are referred to in amendments (Rules 70.16
**Any	replac	cement sheet containing such	amendments must be referred to under item 1 and any	nexed to this report.





International application No.

PCT/US00/11004

Novelty (N)	Claims	1-46	_ YES
Hovely (14)	Claims	NONE	_ ио
	Claims	1-46	YES
Inventive Step (IS)	Claims		
	O,um		
	Claima	1-46	YES
Industrial Applicability (IA)	Claims	NONE	 NO
	Claims	NOND	



International application No.

Supplemental Box (To be used when the space in any of the preceding boxes is not sufficient)	
Continuation of: Boxes I - VIII	Sheet 10
CLASSIFICATION:	
The International Patent Classification (IPC) and/or the National classification are as listed below: IPC(7): C07D 277/44, 277/60; A61K 31/426, A61K 31/428 and US Cl.: 548/150, 151,194; 514/366, 370	



INTERNATIONAL SEARCH REPORT

International application No. PCT/US00/11004

	C07D 277/44, 277/60; A61K 31/426, 31/428				
US CL :	US CL : 548/150, 151,194; 514/366, 370 According to International Patent Classification (IPC) or to both national classification and IPC				
	ocumentation searched (classification system followed	by classification symbols)			
	548/150, 151,194; 514/366, 370				
Documentati	ion searched other than minimum documentation to the e	extent that such documents are included	in the fields searched		
Electronic d	ata base consulted during the international search (nam	ne of data base and, where practicable,	Scarcii terms asse)		
STN					
C. DOC	UMENTS CONSIDERED TO BE RELEVANT		Ì		
Category*	Citation of document, with indication, where app	ropriate, of the relevant passages	Relevant to claim No.		
A	US 5,550,138 A (SOHDA) 27 August		1		
A	US 5,166,214 A (BILLHEIMER) 24	November 1992, see entire	1		
	document.				
	•				
.					
			[
			L		
☐ Furt	her documents are listed in the continuation of Box C.				
	pecial categories of cited documents:	"T" later document published after the in date and not in conflict with the ap	plication but cited to undersume		
A. q	ocument defining the general state of the art which is not considered to be of particular relevance	the principle or theory underlying the			
	arlier document published on or after the international filing date	"X" document of particular relevance; to considered novel or cannot be considered.	he claimed invention carmot be lered to involve an inventive step		
1. q	ocument which may throw doubts on priority claim(s) or which is ited to establish the publication date of another citation or other	when the document is taken alone "Y" document of particular relevance;	the eleimed invention cannot be		
31	pecial reason (as specified)	myentis	e step when the document is		
	locument referring to an oral disclosure, use, exhibition or other neans	combined with one or more other su being obvious to a person skilled in	the art		
·P· d	locument published prior to the international filing date but later than he priority date claimed	*&* document member of the same pate			
Date of the	e actual completion of the international search	Date of mailing of the international s	сагси героп		
28 JUNI	E 2000	2.002.2000			
Name and	mailing address of the ISA/US	Authorized officer	\sim		
Commiss Box PCT	Commissioner of Patents and Trademarks				
Washingt	ton, D.C. 20231				
Facsimile	No. (703) 305-3230	Telephone No. (703) 308-1235			



From the INTERNATIONAL PRELIMINARY EXAMINING AUTHORITY

To: JOHN P WHITE **PCT** COOPER & DUNHAM LLP 1185 AVENUE OF THE AMERICAS NEW YORK NY 10036 NOTIFICATION OF TRANSMITTAL OF INTERNATIONAL PRELIMINARY **EFCFIVED EXAMINATION REPORT** (PCT Rule 71.1) .**JJ 2 5** 2001 Date of Mailing (day/month/year) 23 JUL 2001 Applicant's or agent's file reference 57746-A-PCT/ IMPORTANT NOTIFICATION International application No. International filing date (day/month/year) Priority Date (day/month/year) PCT/US00/11004 21 APRIL 2000 30 JUNE 1999 + Applicant SYNAPTIC PHARMACEUTICAL CORPORATION

- The applicant is hereby notified that this International Preliminary Examining Authority transmits herewith the international preliminary examination report and its annexes, if any, established on the international application.
- A copy of the report and its annexes, if any, is being transmitted to the International Bureau for communication 2. and the second of the second o
- Where required by any of the elected Offices, the International Bureau will prepare an English translation of 3. the report (but not of any annexes) and will transmit such translation to those Offices.

4. REMINDER

The applicant must enter the national phase before each elected Office by performing certain acts (filing translations and paying national fees) within 30 months from the priority date (or later in some Offices) (Article 39(1))(see also the reminder sent by the International Bureau with Form PCT/IB/301).

Where a translation of the international application must be furnished to an elected Office, that translation must contain a translation of any annexes to the international preliminary examination report. It is the applicant's responsibility to prepare and furnish such translation directly to each elected Office concerned.

For further details on the applicable time limits and requirements of the elected Offices, see Volume II of the

Name and mailing address of the IPEA/US Commissioner of Patents and Trademarks Washington, D.C. 20231

Authorized officer

ROBERT GERSTL

TERRY J. DEY

PARALEGAL SPECIAL Telephone No. (703) 308TECHNOLOGY CENTER 1600

Facsimile No. (703) 305-3230

Form PCT/IPEA/416 (July 1992) *





PATENT COOPERATION TREATY

PCT

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Article 36 and Rule 70)

Applicant's or agent's file reference 57746-A-PCT/	FOR FURTHER ACTION	See Notification Preliminary Exam	of Transmittal of Internation ination Report (Form PCT/IPEA/41)
International application No. International filing date		nth/year) Prio	ity date (day/month/year)
PCT/US00/11004	21 APRIL 2000	30	JUNE 1999
International Patent Classification (IPC) Please See Supplemental Sheet. Applicant SYNAPTIC PHARMACEUTICAL C			
Examining Authority and is 2. This REPORT consists of a This report is also according to the parented and are to	s transmitted to the applicant act total of sheets.	of the description	n, claims and/or drawings which ha tifications made before this Author.
These annexes consist of a	<i>/</i>)		
3. This report contains indication		ns:	1
IV Lack of unity of V X Reasoned statement citations and explanation comment VII Certain defects in	ent of report with regard to nove f invention ent under Article 35(2) with regar lanations supporting such statemen	d to novelty, iny nt	tep or industrial applicability
Date of submission of the demand	Date of	of completion of	his report
	29	JUNE 2001	
30 JANUARY 2001			





International application No.

PCT/US00/11004

I. Ba	asis of	the report				
1 W/irl	negant	to the elements of the international ap	pplication:*			
1. WILL	•	ternational application as origina	•			
=		scription:				
x		1-256		as originally filed		
	pages					
	pages	NONE	, filed with the letter of			
X	the cl	0.67, 0.07				
	pages	\10\T		, as originally filed		
			, as amended (together with any st	, filed with the demand		
			iled with the letter of	, med with the demand		
	pages	,				
\mathbf{x}	the dr	awings:				
لتتا	pages	NONE		, as originally filed		
		NONE		, filed with the demand		
	pages	NONE	, filed with the letter of			
ىت	•h	monae listina nort of the dass==-t	ion:			
X		quence listing part of the descript NONE	.ion:	as originally filed		
	Dages	NONE				
	pages	NONE	, filed with the letter of	<u>*</u>		
		guage of the translation furnished for	ernational application (under Rule 48.3(b)). For the purposes of international preliminary example.	nination (under Rules 55.2 and/		
	th regar	d to any nucleotide and/or amin o	a acid sequence disclosed in the international at the basis of the sequence listing:	application, the international		
	contair	ned in the international applicati	ion in printed form.			
			oplication in computer readable form.			
H	furnish	ed subsequently to this Authorit	ty in written form.			
H	furnish	ed subsequently to this Authorit	ty in computer readable form.			
	The statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.					
	The sta		d in computer readable form is identical to the	writen sequence listing has		
4. X		nendments have resulted in the	cancellation of:			
	X	he description, pages NONI	E			
	X the claims, Nos. NONE					
	X	the drawings, sheets/fig NONI	E			
5. 🔲	1	<u>-</u>	the amendments had not been made, since they	have been considered to go		
in th	acement us repo	sheets which have been furnished to to	d in the Supplemental Box (Rule 70.2(c)).** the receiving Office in response to an invitation und annexed to this report since they do not contain	der Article 14 are referred to n amendments (Rules 70.16		
	70.17). replace	ment sheet containing such amendm	nents must be referred to under item 1 and ann	exed to this report.		





International application No.
PCT/US00/11004

statement			
Novelty (N)	Claims	1-46	YE
• • •	Claims	NONE	NO
Inventive Step (IS)	Claims	1-46	YE
	Claims	NONE	, NC
Industrial Applicability (IA)	Claims	1-46	YE
	Claims	NONE	NO
-			
NEW CITATIONS			
•			





International application No. PCT/US00/11004

Supp	lemental	Box
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(To be used when the space in any of the preceding boxes is not sufficient)

Continuation of: Boxes I - VIII

Sheet 10

CI.	ASS	FIC	"A"	mo	N.

The International Patent Classification (IPC) and/or the National classification are as listed below: IPC(7): C07D 277/44, 277/60; A61K 31/426, A61K 31/428 and US Cl.: 548/150, 151,194; 514/366, 370



The demand must be filed directly with the competent International Preliminary Examining Authority or, if two or more Authorities are competent, with the one chosen by the applicant. The full name or two-letter code of that Authority may be indicated by the applicant on the line below:

IPEA/ US

PCT

CHAPTER II

DEMAND

under Article 31 of the Patent Cooperation Treaty:

The undersigned requests that the international application specified below be the subject of international preliminary examination according to the Patent Cooperation Treaty.

Identification of IPEA		ate of receipt of D	DEMAND	
	THE INTERNATIONAL A	PPLICATION	Applicant's or agent's file reference 57746-A-PCT	
International application No.	International filing date	day/month/year)	(Earliest) Priority date (day/month/year)	
PCT/US00/11004	21 April 2000		30 June 1999	
Title of invention	PY (Y5) ANTAGONIST	S		
Box No. II APPLICANT(S)				
Name and address: (Family name followed by	given name; for a legal entity, full o	fficial designation.	Telephone No.:	
i ne anaress musi include i	phosical code una name of commity,		None	
SYNAPTIC PHARMACEUTICAL	CORPORATION		Facsimile No.:	
215 College Road Paramus, New Jersey 0765	52-1410		None	
United States of America			Teleprinter No.:	
			None	
State (i.e. country) of nationality:		State (i.e. country)	of residence:	
United States of America	a		ates of America	
Name and address: (Family name followed by NOVARTIS AG Klybeckstrasse 141 CH-4002 Basel Switzerland	given name: for a legal entity, full d	ifficial designation. I	he address mus i include postal code and name of countr	
	Т	State (i.e. country)	of residence:	
State (i.e. country) of nationality:	i i	Switzerland		
Name and address: (Family name followed by MARZABADI, Mohammad R. 153 Woodland Avenue Ridgewood, New Jersey 07 United States of America	given name: for a legal entity, full o		The address must include postal code and name of count ;	
- Consideration		State (i.e. country)	of residence:	
State (i.e. country) of nationality: United States of America	l		tes of America	



Sheet No. 2.

International application No. PCT/US00/11004

Continuation of Box No. II APPLICANT(S)	
If none of the following sub-boxes is used, to	his sheet is not to be included in the demand.
Name and address: (Family name followed by given name; for a legal entity, f	ull official designation. The address must include postal code and name of country.)
WONG, Wai C. 314 Aspen Glen Drive Hamden, Connecticut 06518 United States of America	
State (i.e. country) of nationality:	State (i.e. country) of residence:
United States of America	United States of America
Name and address: (Family name followed by given name: for a legal entity.) NOBLE, Stewart A. 49 Stevenson Lane Upper Saddle River, New Jersey 07458 United States of America	iull official designation. The address must include postal code and name of country.)
State (i.e. country) of nationality: Great Britain	State (i.e. country) of residence: United States of America
Name and address: (Family name followed by given name; for a legal entity, for BUHLMAYER, Peter Hangstrasse 18 CH 4144 Arlesheim Switzerland	ull official designation. The address must include postal code and name of country.)
State (i.e. country) of nationality:	State (i.e. country) of residence:
Switzerland	Switzerland
Name and address: (Family name followed by given name: for a legal entity, for RUEGER, Heinrich Alemannenweg 6 CH 4112 Fluh Switzerland	full official designation. The address must include postal code and name of country.)
State (i.e. country) of nationality:	State (i.e. country) of residence:
Switzerland	Switzerland
X Further applicants are indicated on another continuation she	et.





International application No. PCT/US00/11004 Continuation of Box No. II APPLICANT(S) If none of the following sub-boxes is used, this sheet is not to be included in the demand. Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country.) YAMAGUCHI, Yasuchika 3205 Via Alicante #10 La Jolla, California 92037 United States of America State (i.e. country) of nationality: State (i.e. country) of residence: United States of America Name and address: (Family name followed by given name: for a legal entity, full official designation. The address must include postal code and name of country.) SCHILLING, Walter Im Muspenacker 204 CH-4204 Himmelried Switzerland State (i.e. country) of nationality: State (i.e. country) of residence: Switzerland Switzerland Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country.) State (i.e. country) of nationality: State (i.e. country) of residence: Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country.) State (i.e. country) of nationality: State (i.e. country) of residence: Further applicants are indicated on another continuation sheet.





Sheet No. 4.

International application No. PCT/US00/11004

Box No. III AGENT OR COMMON RE	PRESENTATIVE; OR ADDRESS FOR CO	PRRESPONDENCE
The following person is X agent	common representative	
and X has been appointed earlier and	represents the applicant(s) also for internationa	I preliminary examination.
is hereby appointed and any ea	rlier appointment of (an) agent(s)/common rep	resentative is hereby revoked.
is hereby appointed, specifical addition to the agent(s)/commo	lly for the procedure before the International n representative appointed earlier.	Preliminary Examining Authority, in
Name and address: iFamily name followed by gi	ven name: for a legal entity, full official designation. stal code and name of country.)	Telephone No.: (212) 278–0400
WHITE, John P. Cooper & Dunham LLP		Facsimile No.:
1185 Avenue of the America	S	(212) 391-0526
New York, New York 10036		Teleprinter No.:
United States of America		
		None
Mark this check-box where no instead to indicate a special add	agent or common representative is/has been ress to which correspondence should be sent.	appointed and the space above is used
Box No. IV STATEMENT CONCERNING	G AMENDMENTS	
to take into account the amendment the descript the claims (the drawing to take into account any amendments of (iii) to disregard any amendments of (v) to postpone the start of the interreduced unless that Authority received the country received the country of the claims (v) to postpone the start of the interreduced unless that Authority received the country received the country of the country received th	ents under Article 34 of tion (amendments attached). (amendments attached). (s (amendments attached). ments of the claims under Article 19 filed with the claims made under Article 19 and to considerational preliminary examination until the expess a copy of any amendments made under Article 19 and to considerational preliminary examination until the expess a copy of any amendments made under Article 19 and to considerational preliminary examination until the expess a copy of any amendments made under Article 19 and to considerational preliminary examination until the expess a copy of any amendments made under Article 19 and to considerational preliminary examination until the expess a copy of any amendments made under Article 19 and to considerational preliminary examination (This check-b.)	th the International Bureau (a copy is der them as reversed. piration of 20 months from the priority ticle 19 or a notice from the applicant
as originally filed or, where a copy of a	ional preliminary examination will start on the mendments to the claims under Article 19 are by the International Preliminary Examining preliminary examination report, as so amended	id/or amendments of the international Authority before it has begun to draw
Box No. V ELECTION OF STATES		
Chapter II of the PCT) except	gible States (that is, all States which have bee	
(If the applicant does not wish to indicated above.)	elect certain eligible States, the name(s) or c	





Sheet No. 5..

International application No. PCT/US00/11004

Box No. VI CHECK LIST									
The demand is accompanied by the following purposes of international preliminary examinational preliminary examinations.	ng documents for the tion:	1	onal Preliminary uthority use only not received						
1. amendments under Article 34			•	1					
description	: sheets			,					
claims	: sheets			1					
drawings	: sheets			1					
letter accompanying amendments		1		1					
under Article 34	: sheets								
3. copy of amendments under Article 19	: sheets			1					
4. copy of statement under Article 19	: sheets								
5. other (specify):	: sheets			}					
J. dila (-) J. /									
The demand is also accompanied by the item(s		□							
separate signed power of attorney	4.	X fee calculation sheet		ļ					
2. copy of general power of attorney	y 5.	X other (specify): Expi f Mailing Bearing	ress Mail Certi Express Mail L						
3. statement explaining lack of signs		EF299939882US date							
Box No. VII SIGNATURE OF APPLICANT, AGENT OR COMMON REPRESENTATIVE Next to each signature, indicate the name of the person signing and the capacity in which the person signs (if such capacity is not obvious from reading the demand).									
John H. White, Reg. No. 28,678 30 January 2001 Date									
For Intern	iational Preliminary Exam	mining Authority use only 🗕							
Date of actual receipt of DEMAND:									
Adjusted date of receipt of demand due to CORRECTIONS under Rule 60.1(b):			· · · · · · · · · · · · · · · · · · ·						
The date of receipt of the demand is AFTER the expiration of 19 months from the priority date and item 4 or 5, below, does not apply. The applicant has been informed accordingly.									
The date of receipt of the demand is WITHIN the period of 19 months from the priority date as extended by virtue of Rule 80.5.									
5. Although the date of receipt of the demand is after the expiration of 19 months from the priority date, the delay in arrival is EXCUSED pursuant to Rule 82.									
Demand received from IPEA on:	- For International Bu	reau use only							



REQUEST

Office use only
International Application No.
International Filing Date
Name of receiving Office and "PCT International Application"

The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty. Applicant's or agent's file reference (if desired) (12 characters maximum) 57746-A-PCT/JPW/ADM TITLE OF INVENTION Box No. I SELECTIVE NPY (Y5) ANTAGONISTS **APPLICANT** Box No. II Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated helow. This person is also inventor. of residence is indicated below.) Telephone No. SYNAPTIC PHARMACEUTICAL CORPORATION None Facsimile No. 215 College Road Paramus, New Jersey 07652-1410 None -Teleprinter No. United States of America State (that is, country) of residence: State (that is, country) of nationality: United States of America United States of America the States indicated in the Supplemental Box the United States of America only all designated States except the United States of America all designated States This person is applicant for the purposes of: FURTHER APPLICANT(S) AND/OR (FURTHER) INVENTOR(S) Box No. III Name and address: (Family name followed by given name: for a legal entity, full official designation. The address intust include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of sections is indicated helow.) This person is: X applicant only of residence is indicated below.) applicant and inventor NOVARTIS AG Klybeckstrasse 141 inventor only (If this check-box is marked, do not fill in helow.) CH-4002 Basel Switzerland State that is, country of residence. State (that is, country) of nationality: Switzerland Switzerland the States indicated in the United States all designated States except the United States of America the Supplemental Box This person is applicant all designated of America only for the purposes of: Further applicants and or (further) inventors are indicated on a continuation sheet. AGENT OR COMMON REPRESENTATIVE; OR ADDRESS FOR CORR ESPONDENCE Box No. IV The person identified below is hereby has been appointed to act on behalf common representative agent of the applicant(s) before the competent International Authorities as: Telephone No. Name and address: (Family name followed by given name: for a legal entity, full official designation. The address must include postal code and name of country:) (212) 278-0400 Facsi mile No. WHITE, John P. (212) 391-0526 Cooper & Dunham LLP Teleprinter No. 1185 Avenue of the Americas New York, New York 10036 None United States of America Address for correspondence: Mark this check-box where no agent or common representative is has been appointed and the space above is used instead to indicate a special address to which correspondence should be sent

	Sheet No.	<u> </u>						
Continuation of Box No. III	IER APPLICANT(S) A		INTOR(S)					
If none of the following sub-boxes is used, this sheet should not be included in the request.								
Name and address: (Family name designation. The address must inc address indicated in this Box is the of residence is indicated helow)	legal entity, full official niry. The country of the) of residence if no State	This person is:						
MARZABADI, Mohamm 153 Woodland Aver	nue		x applicant and inventor inventor only (If this check-box					
Ridgewood, New Je	ersey 07450		is marked, do not fill in below.)					
United States of								
State (that is, country) of nationalit	ry:	State (that is, country) of						
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Name and address: (Family name followed by given name; for a le designation. The address must include postal code and name of count address indicated in this Box is the applicant's State (that is, country) of residence is indicated below.) RUEGER, Heinrich Alemannenweg 6 CH 4112 Fluh Switzerland	gal entity, full official
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separate indications concerning deposited microorganism or other biological material sequence listing part 8. In nucleotide and or amino acid sequence listing in computer readable form 0 of description Transmittal Letter 9 K other (specifi): Total number of sheets: 307 Language of filing of the Figure of the drawings which English international application: should accompany the abstract. SIGNATURE OF APPLICANT OR AGENT Next to each signature, indicate the name of the person signing and the copacity in which the person signs of such capacity is and abvious from reading the request). NOVARTIS AG April 3, 2000 NAME: Konrad Becker Authorized Signatory TITLE: (Head of Patent & Trademark Department) - For receiving Office use only -2. Drawings: Date of actual receipt of the purported international application: received: Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application: not received: Date of timely receipt of the required corrections under PCT Article 11(2): Transmittal of search copy delayed International Searching Authority ISA until search fee is paid. (if two or more are competent): For International Bureau use only -

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Form PCT/RO/101 (last sheet) (July 1998; reprint January 1999)

See Notes to the request form

Sheet No. . . 4B. . .

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See Notes to the request form

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separate signed power of attorney description (excluding 3. a copy of general power of attorney; reference number, if any: : 256 sequence listing part) 4. statement explaining lack of signature claims 1 5. priority document(s) identified in Box No. VI as item(s): abstract 0 drawings 6. Translation of international application into (language): sequence listing part 7. T separate indications concerning deposited microorganism or other biological material of description 0 8. nucleotide and/or amino acid sequence listing in computer readable form Total number of sheets: 307 9. X other (specify): Transmittal Letter Language of filing of the Figure of the drawings which should accompany the abstract: international application: English SIGNATURE OF APPLICANT OR AGENT Next to each signature, indicate the name of the person signing and the capacity in which the person signs (if such capacity is not obvious from reading the request). May 3 2000 /e L Michiney Tay 3, 2000

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Supplemental Box

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the request.

If, in any of the Boxes, the space is insufficient to furnish all the information: in such case, write "Continuation of Box No. [indicate the number of the Box] and furnish the information in the same manner as required according to the captions of the Box in which the space was insufficient, in particular:

- if more than two persons are involved as applicants and/or inventors and no "continuation sheet" is available: in such case, write "Continuation of Box No. III" and indicate for each additional person the same type of information as required in Box No. III. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated
- if, in Box No. II or in any of the sub-boxes of Box No. III, the indication "the States indicated in the Supplemental Box" is checked; in such case, write "Continuation of Box No. II" or "Continuation of Box No. III" or "Continuation of Box No. II" or "Continuation of Box No. II" or "Continuation of Box No. III" or "Continuation of Box No. II" or "Continuation of Box No. III" or "Continuation of
- if, in Box No. II or in any of the sub-boxes of Box No. III, the inventor or the inventor/applicant is not inventor for the purposes of all designated States or for the purposes of the United States of America: in such case, write "Continuation of Box No. II" or "Continuation of Box No. III" or "Continuation of Boxes No. II and No. III" (as the case may be), indicate the name of the inventor(s) and, next to (each) such name, the State(s) (and/or, where applicable, ARIPO, Eurasian, European or OAPI patent) for the purposes of which the named person is inventor;
- if, in addition to the agent(s) indicated in Box No. II, there are further agents: in such case, write "Continuation of Box No. II" and indicate for each further agent the same type of information as required in Box No. II.
- if, in Box No. 1', the name of any State (or OAPI) is accompanied by the indication "patent of addition," or "certificate of addition," or if, in Box No. 1', the name of the United States of America is accompanied by an indication "continuation" or "continuation or if, in Box No. 1', the name of the United States of America is accompanied by an indication "continuation" or "continuation of in-part" in such case, write "Continuation of Box No. 1" and the name of each State involved (or OAPI), and after the name of the each such State (or OAPI), the number of the parent title or parent application and the date of grant of the parent title or filing of the parent application;
- if, in Box No. 17, there are more than three earlier applications whose priority is claimed: in such case, write "Continuation of Box No. 17" and indicate for each additional earlier application the same type of information as required in Box No. 17;
- (vii) if, in Box No. 17, the earlier application is an ARIPO application: in such case, write "Continuation of Box No. 17", specify the number of the item corresponding to that earlier application and indicate at least one country party to the Paris Convention for the Protection of Industrial Property or one Member of the World Trade Organization for which that earlier application was filed.
- 2. If, with regard to the precautionary designation statement contained in Box No. V, the applicant wishes to exclude any State(s) from the scope of that statement: in such case, write "Designation(s) excluded from precautionary designation statement" and indicate the name or two-letter code of each State so excluded.
- If the applicant claims, in respect of any designated Office, the benefits of provisions of the national law concerning non-prejudicial 5. If the appropriate content of the second of the second of the interest of provisions of the national law concerning non-preparations to lack of novelty: in such case, write "Statement concerning non-preparational disclosures or exceptions to lack disclosures or exceptions to lack of novelty: in such case, write "Statement concerning non-preparational disclosures or exceptions to lack of novelty" and furnish that statement below.

Continuation of Box V.: U.S. Serial No. 09/343,635, filed June 30, 1999, U.S. Serial No. 09/343,633, filed June 30, 1999, and U.S. Serial No. 09/343,993, filed June 30, 1999.

JPW

PCT

NOTICE INFORMING THE APPLICANT OF THE COMMUNICATION OF THE INTERNATIONAL APPLICATION TO THE DESIGNATED OFFICES

(PCT Rule 47.1(c), first sentence)

WHITE, John, P.
Cooper & Dunham LLP
1185 Avenue of the Americas
New York, NY 10036
ETATS-UNIS D'AMERIQUE

From the INTERNATIONAL BUREAU

CCORES & DIMENS

JAN 2 4 2001

Date of mailing (day/month/year)

11 January 2001 (11.01.01)

Applicant's or agent's file reference

57746-A-PCT

International application No. International filing date (day/month/year)
PCT/US00/11004 21 April 2000 (21.04.00)

Priority date (day/month/year)

IMPORTANT NOTICE

30 June 1999 (30.06.99) 🗸

PCT/US00/11004

Applicant

SYNAPTIC PHARMACEUTICAL CORPORATION et al

 Notice is hereby given that the International Bureau has communicated, as provided in Article 20, the international application to the following designated Offices on the date indicated above as the date of mailing of this Notice: AU,KP,KR,US

In accordance with Rule 47.1(c), third sentence, those Offices will accept the present Notice as conclusive evidence that the communication of the international application has duly taken place on the date of mailing indicated above and no copy of the international application is required to be furnished by the applicant to the designated Office(s).

2. The following designated Offices have waived the requirement for such a communication at this time:

AE,AL,AM,AP,AT,AZ,BA,BB,BG,BR,BY,CA,CH,CN,CR,CU,CZ,DE,DK,DM,EA,EE,EP,ES,FI,GB,GD,GE,GH,GM,HR,HU,ID,IL,IN,IS,JP,KE,KG,KZ,LC,LK,LR,LS,LT,LU,LV,MA,MD,MG,MK,MN,MW,MX,NO,NZ,OA,PL,PT,RO,RU,SD,SE,SG,SI,SK,SL,TJ,TM,TR,TT,TZ,UA,UG,UZ,VN,YU,ZA,ZW The communication will be made to those Offices only upon their request. Furthermore, those Offices do not require the applicant to furnish a copy of the international application (Rule 49.1(a-bis)).

3. Enclosed with this Notice is a copy of the international application as published by the International Bureau on 11 January 2001 (11.01.01) under No. WO 01/02379

REMINDER REGARDING CHAPTER II (Article 31(2)(a) and Rule 54.2) 12/30/01 w.D

If the applicant wishes to postpone entry into the national phase until 30 months (or later in some Offices) from the priority date, a demand for international preliminary examination must be filed with the competent International Preliminary Examining Authority before the expiration of 19 months from the priority date.

It is the applicant's sole responsibility to monitor the 19-month time limit. $\rightarrow 1/30/2001$.

Note that only an applicant who is a national or resident of a PCT Contracting State which is bound by Chapter II has the right to file a demand for international preliminary examination.

REMINDER REGARDING ENTRY INTO THE NATIONAL PHASE (Article 22 or 39(1))

If the applicant wishes to proceed with the international application in the national phase, he must, within 20 months or 30 months, or later in some Offices, perform the acts referred to therein before each designated or elected Office.

For further important information on the time limits and acts to be performed for entering the national phase, see the Annex to Form PCT/IB/301 (Notification of Receipt of Record Copy) and Volume II of the PCT Applicant's Guide.

The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland

Authorized officer

J. Zahra

Telephone No. (41-22) 338.83.38

Facsimile No. (41-22) 740.14.35